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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
 NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
 NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
 NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
 NEWS 6 Mar 08 Gene Names now available in BIOSIS
 NEWS 7 Mar 22 TOXLIT no longer available
 NEWS 8 Mar 22 TRCTHERMO no longer available
 NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL
 NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
 NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
 NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
 NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS 14 Apr 09 ZDB will be removed from STN
 NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
 NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
 NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
 NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
 CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
 AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

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FILE 'HOME' ENTERED AT 14:28:57 ON 29 MAY 2002

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 FULL ESTIMATED COST 0.42 0.42

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=> **s (site specific recombination)**

L1 2884 (SITE SPECIFIC RECOMBINATION)

=> **s plastic**

L2 1097174 PLASTIC

=> **s plastid**

L3 14120 PLASTID

=> **s 11 and 13**

L4 28 L1 AND L3

=> **d 14 1-28**

L4 ANSWER 1 OF 28 AGRICOLA

Full Text	Citing References
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AN 2001:83327 AGRICOLA

DN IND23239388

TI Efficient elimination of selectable marker genes from the **plastid** genome by the CRE-lox **site-specific recombination** system.

AU Corneille, S.; Lutz, K.; Svab, Z.; Maliga, P.

AV DNAL (QK710.P68)

SO The Plant journal : for cell and molecular biology, July 2001. Vol. 27, No. 2. p. 171-178

Publisher: Oxford : Blackwell Sciences Ltd.

ISSN: 0960-7412

NTE Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L4 ANSWER 2 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

Full Text	Citing References
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AN 2001:420984 BIOSIS

DN PREV200100420984

TI Efficient elimination of selectable marker genes from the **plastid** genome by the CRE-lox **site-specific recombination** system.

AU Corneille, Sylvie; Lutz, Kerry; Svab, Zora; Maliga, Pal (1)

CS (1) Waksman Institute, Rutgers, State University of New Jersey, 190

Frelinghuysen Road, Piscataway, NJ, 08854-8020: maliga@waksman.rutgers.edu
USA

SO Plant Journal, (July, 2001) Vol. 27, No. 2, pp. 171-178. print.

ISSN: 0960-7412.

DT Article

LA English

SL English

L4 ANSWER 3 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

Full Text	Citing References
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AN 1997:500696 BIOSIS

DN PREV199799799899

TI The recombinant product of the *Cryptomonas* PHI **plastid** gene *hlpA* is an architectural HU-like protein that promotes the assembly of complex nucleoprotein structures.

AU Grasser, Klaus D. (1); Ritt, Christoph; Krieg, Marion; Fernandez, Silvia; Alonso, Juan C.; Grimm, Rudi

CS (1) Inst. Biol. III, Albert-Ludwigs-Univ. Freiburg, Schaezlestr. 1,
D-79104 Freiburg Germany
SO European Journal of Biochemistry, (1997) Vol. 249, No. 1, pp. 70-76.
ISSN: 0014-2956.
DT Article
LA English

L4 ANSWER 4 OF 28 MEDLINE

Full Text Citing
References

AN 2001444258 MEDLINE
DN 21382928 PubMed ID: 11489194
TI Efficient elimination of selectable marker genes from the **plastid** genome
by the CRE-lox **site-specific recombination** system.
AU Corneille S; Lutz K; Svab Z; Maliga P
CS Waksman Institute, Rutgers, The State University of New Jersey, 190
Frelinghuysen Road, Piscataway, NJ 08854-8020, USA.
SO PLANT JOURNAL, (2001 Jul) 27 (2) 171-8.
Journal code: BRU; 9207397. ISSN: 0960-7412.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200109
ED Entered STN: 20010813
Last Updated on STN: 20011001
Entered Medline: 20010927

L4 ANSWER 5 OF 28 MEDLINE

Full Text Citing
References

AN 1998028385 MEDLINE
DN 98028385 PubMed ID: 9363755
TI The recombinant product of the Chryptomonas phi **plastid** gene hlpA is an
architectural HU-like protein that promotes the assembly of complex
nucleoprotein structures.
AU Grasser K D; Ritt C; Krieg M; Fernandez S; Alonso J C; Grimm R
CS Institut fur Biologie III, Albert-Ludwigs-Universitat Freiburg, Germany..
grasser@biologie.uni-freiburg.de
SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1997 Oct 1) 249 (1) 70-6.
Journal code: EMZ; 0107600. ISSN: 0014-2956.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199712
ED Entered STN: 19980109
Last Updated on STN: 19990129
Entered Medline: 19971205

L4 ANSWER 6 OF 28 USPATFULL

Full Text Citing
References

AN 2002:102626 USPATFULL
TI Regulatory sequences for transgenic plants
IN Ainley, Michael, Carmel, IN, United States
Armstrong, Katherine, Zionsville, IN, United States
Belmar, Scott, Indianapolis, IN, United States
Folkerts, Otto, Guilford, CT, United States
Hopkins, Nicole, Indianapolis, IN, United States
Menke, Michael A., Indianapolis, IN, United States
Paredy, Dayakar, Carmel, IN, United States
Petolino, Joseph F., Zionsville, IN, United States
Smith, Kelley, Lebanon, IN, United States
Woosley, Aaron, Fishers, IN, United States

PA Dow AgroSciences LLC, Indianapolis, IN, United States (U.S. corporation)
 PI US 6384207 B1 20020507
 AI US 1998-97319 19980612 (9)
 PRAI US 1997-49752P 19970612 (60)
 DT Utility
 FS GRANTED
 LN.CNT 3239
 INCL INCLM: 536/024.100
 INCLS: 800/298.000; 435/410.000; 435/419.000; 435/320.100; 536/023.100
 NCL NCLM: 536/024.100
 NCLS: 800/298.000; 435/410.000; 435/419.000; 435/320.100; 536/023.100
 IC [7]
 ICM: C12N005-04
 ICS: C12N015-29; A01H005-00; A01H005-10; C07H021-04
 EXF 435/6; 435/69.1; 435/468; 435/470; 435/410; 435/419; 435/320.1;
 536/23.1; 536/23.2; 536/23.4; 536/23.6; 536/24.1; 800/278; 800/287;
 800/290; 800/292; 800/293; 800/295; 800/298; 800/320; 800/320.1
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 28 USPATFULL

Full Text	Citing References
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AN 2002:100185 USPATFULL
 TI Transgenic plants containing heat shock protein
 IN Lindquist, Susan, Chicago, IL, UNITED STATES
 Queitsch, Christine, Chicago, IL, UNITED STATES
 Vierling, Elizabeth, Tuscon, AZ, UNITED STATES
 PI US 2002053097 A1 20020502
 AI US 2001-812350 A1 20010320 (9)
 PRAI US 2000-190769P 20000320 (60)
 US 2000-198116P 20000418 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3348
 INCL INCLM: 800/298.000
 INCLS: 800/278.000
 NCL NCLM: 800/298.000
 NCLS: 800/278.000
 IC [7]
 ICM: A01H005-00
 ICS: C12N015-82
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 28 USPATFULL

Full Text	Citing References
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AN 2002:81681 USPATFULL
 TI Genes for microsomal delta-12 fatty acid desaturases and hydroxylases from plants
 IN Lightner, Jonathan Edward, Marietta, PA, United States
 Okuley, John Joseph, Columbus, OH, United States
 Hitz, William, Wilmington, DE, United States
 Kinney, Anthony John, Wilmington, DE, United States
 Perez-Grau, Luis, Davis, CA, United States
 Yadav, Narendra S., Chadds Ford, PA, United States
 PA E.I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 PI US 6372965 B1 20020416
 AI US 1998-133962 19980814 (9)
 RLI Continuation of Ser. No. US 1994-262401, filed on 20 Jun 1994, now abandoned Continuation-in-part of Ser. No. WO 1993-US9987, filed on 15 Oct 1993 Continuation-in-part of Ser. No. US 1992-977339, filed on 17 Nov 1992, now abandoned
 DT Utility
 FS GRANTED

LN.CNT 4332
 INCL INCLM: 800/298.000
 INCLS: 800/281.000; 435/320.100; 435/419.000; 435/468.000; 536/023.600
 NCL NCLM: 800/298.000
 NCLS: 435/320.100; 435/419.000; 435/468.000; 536/023.600; 800/281.000
 IC [7]
 ICM: A01H005-00
 ICS: C12N005-04; C12N015-82
 EXF 800/281; 800/298; 435/69.1; 435/468; 435/419; 435/320.1; 536/23.6
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 28 USPATFULL

Full Text	Citing References
AN	2002:43151 USPATFULL
TI	METHODS AND COMPOSITIONS FOR CELLULAR AND METABOLIC ENGINEERING
IN	MINSHULL, JEREMY, SAN FRANCISCO, CA, UNITED STATES STEMMER, WILLEM P. C., LOS GATOS, CA, UNITED STATES
PI	US 2002025517 A1 20020228 US 6391640 B2 20020521
AI	US 1998-188777 A1 19981109 (9)
RLI	Continuation of Ser. No. <u>US 1996-650400</u> , filed on 20 May 1996, UNKNOWN
DT	Utility
FS	APPLICATION
LN.CNT	2433
INCL	INCLM: 435/006.000 INCLS: 435/091.200
NCL	NCLM: 435/440.000 NCLS: 435/006.000; 435/091.200; 536/023.100; 536/024.300; 935/076.000; 935/077.000; 935/078.000
IC	[7] ICM: C12Q001-68 ICS: C12P019-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	

L4 ANSWER 10 OF 28 USPATFULL

Full Text	Citing References
AN	2001:238459 USPATFULL
TI	Homologous recombination-mediated transgene alterations in plants
IN	McElroy, David, Redwood City, CA, United States Walters, David A., North Stonington, CT, United States Gilbertson, Larry A., Chesterfield, MO, United States
PI	US 2001056583 A1 20011227
AI	US 2001-801261 A1 20010307 (9)
RLI	Continuation-in-part of Ser. No. <u>US 2000-521557</u> , filed on 9 Mar 2000, PENDING
DT	Utility
FS	APPLICATION
LN.CNT	4786
INCL	INCLM: 800/278.000 INCLS: 435/468.000; 800/298.000; 800/320.100; 800/260.000; 800/288.000; 800/300.000; 800/302.000; 800/320.000; 536/023.600; 536/023.700
NCL	NCLM: 800/278.000 NCLS: 435/468.000; 800/298.000; 800/320.100; 800/260.000; 800/288.000; 800/300.000; 800/302.000; 800/320.000; 536/023.600; 536/023.700
IC	[7] ICM: C12N015-82 ICS: A01H005-00; C12N015-29; C12N015-31
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	

L4 ANSWER 11 OF 28 USPATFULL

Full Text	Citing References
AN	2001:190959 USPATFULL

TI Methods and compositions for cellular and metabolic engineering
 IN Minshull, Jeremy, San Francisco, CA, United States
 Stemmer, Willem P. C., Los Gatos, CA, United States
 PA Maxygen, Inc., Redwood City, CA, United States (U.S. corporation)
 PI US 6309883 B1 20011030
 AI US 2000-490642 20000124 (9)
 RLI Continuation of Ser. No. US 1998-189103, filed on 9 Nov 1998
 Continuation of Ser. No. US 1996-650400, filed on 20 May 1996, now
 patented, Pat. No. US 5837458 Continuation-in-part of Ser. No. US
 1996-621859, filed on 25 Mar 1996, now patented, Pat. No. US 6117679
 Continuation-in-part of Ser. No. US 1996-621430, filed on 25 Mar 1996,
 now abandoned Continuation-in-part of Ser. No. US 537874, now patented,
 Pat. No. US 5830721 Continuation-in-part of Ser. No. US 1995-425684,
 filed on 18 Apr 1995, now patented, Pat. No. US 5834252
 Continuation-in-part of Ser. No. US 1994-198431, filed on 17 Feb 1994,
 now patented, Pat. No. US 5605793
 DT Utility
 FS GRANTED
 LN.CNT 3645
 INCL INCLM: 435/440.000
 INCLS: 435/006.000; 536/023.100; 536/024.300; 935/076.000; 935/077.000;
 935/078.000
 NCL NCLM: 435/440.000
 NCLS: 435/006.000; 536/023.100; 536/024.300
 IC [7]
 ICM: C12N015-00
 ICS: C12Q001-68; C07H021-02; C07H021-04
 EXF 435/440; 435/6; 536/23.1; 536/24.3; 935/76; 935/77; 935/78
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 28 USPATFULL

Full Text	Citing References
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AN 2001:185550 USPATFULL
 TI Methods and compositions for transgene identification
 IN Kriz, Alan L., Gales Ferry, CT, United States
 Spencer, T. Michael, Mystic, CT, United States
 PA Dekalb Genetics Corporation, Dekalb, IL, United States (U.S.
 corporation)
 PI US 6307123 B1 20011023
 AI US 1998-80625 19980518 (9)
 DT Utility
 FS GRANTED
 LN.CNT 5135
 INCL INCLM: 800/282.000
 INCLS: 800/266.000; 800/288.000; 800/300.000; 800/301.000; 536/023.400;
 536/024.100
 NCL NCLM: 800/282.000
 NCLS: 536/023.400; 536/024.100; 800/266.000; 800/288.000; 800/300.000;
 800/301.000
 IC [7]
 ICM: C12N015-00
 ICS: C12M015-09; A01H005-00; A01H001-02
 EXF 536/24.1; 536/23.4; 435/69.1; 435/172.3; 435/410; 435/411; 435/419;
 435/430.1; 800/278; 800/266; 800/282; 800/288; 800/200; 800/301
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 28 USPATFULL

Full Text	Citing References
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AN 2001:183179 USPATFULL
 TI Modified ribulose 1,5-bisphosphate carboxylase/oxygenase for improvement
 and optimization of plant phenotypes
 IN Stemmer, Willem P.C., Los Gatos, CA, United States
 Subramanian, Venkiteswaran, San Diego, CA, United States

Zhu, Genhai, Sunnyvale, CA, United States
 Liu, Lu, Redwood City, CA, United States
 Selifonov, Sergey A., Los Altos, CA, United States

PA Maxygen. Inc. (U.S. corporation)
 PI US 2001032342 A1 20011018
 AI US 2001-800123 A1 20010305 (9)
 RLI Continuation of Ser. No. US 1999-437726, filed on 9 Nov 1999, PENDING
 PRAI US 1999-153093P 19990909 (60)
 US 1998-107756P 19981110 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3440
 INCL INCLM: 800/298.000
 INCLS: 800/278.000; 435/440.000
 NCL NCLM: 800/298.000
 NCLS: 800/278.000; 435/440.000
 IC [7]
 ICM: A01H005-00
 ICS: C12N015-82
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 28 USPATFULL

Full Text	Citing References
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AN 2001:131501 USPATFULL
 TI Nucleic acids encoding a plant enzyme involved in very long chain fatty acid synthesis
 IN Kunst, Ljerka, North Vancouver, Canada
 Millar, Anthony A., Vancouver, Canada
 PA The University of British Columbia, Vancouver, Canada (non-U.S. corporation)
 PI US 6274790 B1 20010814
 AI US 1998-58947 19980410 (9)
 PRAI US 1997-43831P 19970414 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1741
 INCL INCLM: 800/287.000
 INCLS: 800/281.000; 800/298.000; 435/468.000; 536/024.100
 NCL NCLM: 800/287.000
 NCLS: 435/468.000; 536/024.100; 800/281.000; 800/298.000
 IC [7]
 ICM: C12N015-82
 ICS: A01H005-00; C07H021-04
 EXF 800/298; 800/281; 800/264; 800/287; 435/69.1; 435/468; 435/419; 435/430;
 435/320.1; 536/23.6
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 28 USPATFULL

Full Text	Citing References
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AN 2001:71760 USPATFULL
 TI Maize A3 promoter and methods for use thereof
 IN McElroy, David, Palo Alto, CA, United States
 Kriz, Alan L., Gales Ferry, CT, United States
 Orozco, Jr., Emil M., West Grove, PA, United States
 Griffor, Matt, N. Stonington, CT, United States
 PA Dekalb Genetics Corp., Mystic, CT, United States (U.S. corporation)
 PI US 6232526 B1 20010515
 AI US 1999-312038 19990514 (9)
 DT Utility
 FS Granted
 LN.CNT 5454
 INCL INCLM: 800/278.000
 INCLS: 800/287.000; 800/295.000; 800/298.000; 800/320.000; 800/320.100;

800/320.200; 800/320.300; 800/317.200; 800/317.300; 800/317.400;
800/312.000; 800/314.000; 800/279.000; 800/281.000; 800/284.000;
800/289.000; 800/290.000; 800/300.000; 435/069.100; 435/252.300;
435/320.100; 435/419.000; 435/468.000; 435/418.000; 435/413.000;
435/414.000; 435/415.000; 435/416.000; 435/417.000; 536/023.100;
536/024.100; 536/023.600

NCL NCLM: 800/278.000
NCLS: 435/069.100; 435/252.300; 435/320.100; 435/413.000; 435/414.000;
435/415.000; 435/416.000; 435/417.000; 435/418.000; 435/419.000;
435/468.000; 536/023.100; 536/023.600; 536/024.100; 800/279.000;
800/281.000; 800/284.000; 800/287.000; 800/289.000; 800/290.000;
800/295.000; 800/298.000; 800/300.000; 800/312.000; 800/314.000;
800/317.200; 800/317.300; 800/317.400; 800/320.000; 800/320.100;
800/320.200; 800/320.300

IC [7]
ICM: C12N005-04
ICS: C12N015-11; C12N015-29; C12N015-82; A01H005-00

EXF 800/278; 800/295; 800/287; 800/298; 800/320; 800/320.1; 800/320.2;
800/320.3; 800/317.2; 800/317.3; 800/317.4; 800/312; 800/314; 800/279;
800/281; 800/284; 800/289; 800/290; 800/300; 800/301; 800/302; 800/303;
800/304; 800/305; 800/306; 800/322; 800/292; 800/293; 800/294; 435/69.1;
435/252.3; 435/320.1; 435/419; 435/468; 435/418; 435/413; 435/414;
435/415; 435/416; 435/417; 536/23.1; 536/24.1; 536/23.6

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 28 USPATFULL

Full Text	Citing References
AN	2001:67434 USPATFULL
TI	Polyhydroxyalkanoates of narrow molecular weight distribution prepared in transgenic plants
IN	Asrar, Jawed, Chesterfield, MO, United States Mitsky, Timothy A., Maryland Heights, MO, United States Shah, Devang T., Chesterfield, MO, United States
PA	Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI	US 6228623 B1 20010508
AI	US 1999-440400 19991115 (9)
RLI	Division of Ser. No. US 1997-912205, filed on 15 Aug 1997, now patented, Pat. No. US 6091002 Continuation-in-part of Ser. No. US 1996-673388, filed on 25 Jun 1996, now patented, Pat. No. US 5958745 Continuation-in-part of Ser. No. US 1996-628039, filed on 4 Apr 1996, now patented, Pat. No. US 5942660 Continuation-in-part of Ser. No. US 1996-614877, filed on 3 Mar 1996, now patented, Pat. No. US 5959179
DT	Utility
FS	Granted
LN.CNT	6803
INCL	INCLM: 435/135.000 INCLS: 435/155.000; 435/157.000; 435/158.000; 528/001.000; 530/200.000
NCL	NCLM: 435/135.000 NCLS: 435/155.000; 435/157.000; 435/158.000; 528/001.000; 530/200.000
IC	[7] ICM: C12P007-02 ICS: C12P007-04; C12P007-18; C12P007-62
EXF	435/135; 435/155; 435/157; 435/158; 528/1; 530/200
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	

L4 ANSWER 17 OF 28 USPATFULL

Full Text	Citing References
AN	2001:44436 USPATFULL
TI	Maize RS81 promoter and methods for use thereof
IN	McElroy, David, Palo Alto, CA, United States Orozco, Jr., Emil M., West Grove, PA, United States Laccetti, Lucille B., Groton, CT, United States
PA	Dekalb Genetics Corporation, Mystic, CT, United States (U.S.

corporation)
 PI US 6207879 B1 20010327
 AI US 1999-312266 19990514 (9)
 DT Utility
 FS Granted
 LN.CNT 5244
 INCL INCLM: 800/278.000
 INCLS: 800/279.000; 800/295.000; 800/298.000; 800/312.000; 800/314.000;
 800/317.000; 800/320.000; 800/322.000; 800/281.000; 800/300.000;
 800/301.000; 800/302.000; 800/303.000; 800/289.000; 800/290.000;
 800/293.000; 800/284.000; 800/287.000; 800/294.000; 800/317.200;
 800/317.300; 800/317.400; 800/306.000; 800/292.000; 435/069.100;
 435/320.100; 435/418.000; 435/419.000; 435/468.000; 435/252.300;
 536/023.100; 536/024.100; 536/023.600
 NCL NCLM: 800/278.000
 NCLS: 435/069.100; 435/252.300; 435/320.100; 435/418.000; 435/419.000;
 435/468.000; 536/023.100; 536/023.600; 536/024.100; 800/279.000;
 800/281.000; 800/284.000; 800/287.000; 800/289.000; 800/290.000;
 800/292.000; 800/293.000; 800/294.000; 800/295.000; 800/298.000;
 800/300.000; 800/301.000; 800/302.000; 800/303.000; 800/306.000;
 800/312.000; 800/314.000; 800/317.000; 800/317.200; 800/317.300;
 800/317.400; 800/320.000; 800/322.000
 IC [7]
 ICM: C12N015-05
 ICS: C12N015-29; C12N015-63; C12N015-82; A01H005-00
 EXF 800/278; 800/295; 800/287; 800/298; 800/320; 800/320.1; 800/320.2;
 800/320.3; 800/317.2; 800/317.3; 800/317.4; 800/312; 800/314; 800/279;
 800/281; 800/284; 800/289; 800/290; 800/300; 800/361; 800/302; 800/303;
 800/306; 800/322; 800/292; 800/293; 800/294; 800/317; 435/69.1;
 435/252.3; 435/320.1; 435/419; 435/468; 435/418; 435/413; 435/412;
 435/414; 435/415; 435/416; 435/417; 536/23.1; 536/24.1; 536/23.6
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 28 USPATFULL

Full Text	Citing References
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AN 2001:29786 USPATFULL
 TI Maize RS324 promoter and methods for use thereof
 IN McElroy, David, Palo Alto, CA, United States
 Orozco, Jr., Emil M., West Grove, PA, United States
 Laccetti, Lucille B., Groton, CT, United States
 PA Dekalb Genetics Corp., Mystic, CT, United States (U.S. corporation)
 PI US 6194636 B1 20010227
 AI US 1999-312285 19990514 (9)
 DT Utility
 FS Granted
 LN.CNT 5182
 INCL INCLM: 800/278.000
 INCLS: 800/279.000; 800/295.000; 800/298.000; 800/287.000; 800/320.100;
 800/320.200; 800/320.300; 800/317.200; 800/317.300; 800/317.400;
 800/312.000; 800/314.000; 800/281.000; 800/284.000; 800/289.000;
 800/290.000; 800/292.000; 800/293.000; 800/294.000; 800/300.000;
 800/301.000; 800/302.000; 800/303.000; 800/306.000; 435/069.100;
 435/320.100; 435/418.000; 435/419.000; 435/468.000; 435/252.300;
 536/023.100; 536/024.100; 536/023.600
 NCL NCLM: 800/278.000
 NCLS: 435/069.100; 435/252.300; 435/320.100; 435/418.000; 435/419.000;
 435/468.000; 536/023.100; 536/023.600; 536/024.100; 800/279.000;
 800/281.000; 800/284.000; 800/287.000; 800/289.000; 800/290.000;
 800/292.000; 800/293.000; 800/294.000; 800/295.000; 800/298.000;
 800/300.000; 800/301.000; 800/302.000; 800/303.000; 800/306.000;
 800/312.000; 800/314.000; 800/317.200; 800/317.300; 800/317.400;
 800/320.100; 800/320.200; 800/320.300
 IC [7]
 ICM: C12N015-05

ICS: C12N015-29; C12N015-63; C12N015-82; A01H005-00
EXF 800/278; 800/295; 800/287; 800/298; 800/320.3; 800/320.1; 800/320;
800/320.21; 800/317.2; 800/317.3; 800/317.4; 800/312; 800/314; 800/279;
800/281; 800/284; 800/289; 800/290; 800/300; 800/301; 800/302; 800/303;
800/306; 800/322; 800/292; 800/293; 800/294; 435/69.1; 435/252.3;
435/320.1; 435/419; 435/468; 435/418; 435/413; 435/411; 435/412;
435/414; 435/415; 435/416; 435/417; 536/23.1; 536/24.1; 536/23.6
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 28 USPATFULL

	Full Text	Citing References
AN	2000:149981	USPATFULL
TI	DNA encoding plastid pyruvate dehydrogenase and branched chain oxoacid dehydrogenase components	
IN	Randall, Douglas D., Columbia, MO, United States Mooney, Brian P., Columbia, MO, United States Johnston, Mark L., Gales Ferry, CT, United States Luethy, Michael H., Old Mystic, CT, United States Miernyk, Jan A., Peoria, IL, United States	
PA	The Curators of the University of Missouri, Columbia, MO, United States (U.S. corporation)	
PI	US 6143561	20001107
AI	US 1998-108020	19980630 (9)
PRAI	US 1997-51291P	19970630 (60)
	US 1997-55255P	19970801 (60)
	US 1998-76544P	19980302 (60)
	US 1998-76554P	19980302 (60)
DT	Utility	
FS	Granted	
LN.CNT	4172	
INCL	INCLM: 435/419.000 INCLS: 435/252.300; 435/320.100; 536/023.200; 536/023.600	
NCL	NCLM: 435/419.000 NCLS: 435/252.300; 435/320.100; 536/023.200; 536/023.600	
IC	[7] ICM: C12N001-21 ICS: C12N005-14; C12N015-29; C12N015-52; C12N015-82	
EXF	435/69.1; 435/320.1; 435/419; 435/468; 435/252.3; 536/23.2; 536/23.6; 800/278; 800/298	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 28 USPATFULL

	Full Text	Citing References
AN	2000:121286	USPATFULL
TI	Bioluminescent bioreporter integrated circuit	
IN	Simpson, Michael L., Knoxville, TN, United States Sayler, Gary S., Blaine, TN, United States Paulus, Michael J., Knoxville, TN, United States	
PA	UT Battelle, LLC, Oak Ridge, TX, United States (U.S. corporation) The University of Tennessee Research Corp., Knoxville, TX, United States (U.S. corporation)	
PI	US 6117643	20000912
AI	US 1997-978439	19971125 (8)
DT	Utility	
FS	Granted	
LN.CNT	5414	
INCL	INCLM: 435/007.100 INCLS: 422/055.000; 422/057.000; 422/058.000; 422/082.010; 422/082.050; 422/082.060; 422/082.070; 422/082.080; 435/006.000; 435/007.320; 435/287.100; 435/287.200; 435/288.700; 435/808.000; 436/518.000; 436/524.000; 436/525.000; 436/531.000; 436/805.000	
NCL	NCLM: 435/007.100 NCLS: 422/055.000; 422/057.000; 422/058.000; 422/082.010; 422/082.050;	

422/082.060; 422/082.070; 422/082.080; 435/006.000; 435/007.320;
435/287.100; 435/287.200; 435/288.700; 435/808.000; 436/518.000;
436/524.000; 436/525.000; 436/531.000; 436/805.000

IC [7]

ICM: G01N033-53

EXF 422/55; 422/57; 422/58; 422/82.01; 422/82.05; 422/82.06; 422/82.07;
422/82.08; 435/6; 435/7.32; 435/287.1; 435/287.2; 435/288.7; 435/808;
435/7.1; 436/518; 436/524; 436/525; 436/531; 436/805

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 28 USPATFULL

Full Text	Citing References
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AN 2000:92157 USPATFULL
TI Polyhydroxyalkanoates of narrow molecular weight distribution prepared
in transgenic plants
IN Asrar, Jawed, Chesterfield, MO, United States
Mitsky, Timothy A., Maryland Heights, MO, United States
Shah, Devang T., Chesterfield, MO, United States
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI US 6091002 20000718
AI US 1997-912205 19970815 (8)
RLI Continuation-in-part of Ser. No. US 1996-673388, filed on 28 Jun 1996
which is a continuation-in-part of Ser. No. US 1996-628039, filed on 4
Apr 1996, now patented, Pat. No. US 5942660 which is a
continuation-in-part of Ser. No. US 1996-614877, filed on 13 Mar 1996

DT Utility

FS Granted

LN.CNT 7126

INCL INCLM: 800/288.000
INCLS: 435/135.000; 800/260.000

NCL NCLM: 800/288.000
NCLS: 435/135.000; 800/260.000

IC [7]

ICM: A01H001-02

ICS: C12N015-82; C12P007-62

EXF 435/172.3; 435/320.1; 435/419; 435/DIG.1; 435/468; 435/135; 536/23.2;
536/23.7; 800/205; 800/DIG.43; 800/DIG.58; 800/DIG.42; 800/DIG.15;
800/DIG.56; 800/DIG.26; 800/DIG.17; 800/DIG.14; 800/DIG.23; 800/DIG.9;
800/DIG.55; 800/DIG.24; 800/278; 800/288; 800/298; 800/320.1; 800/317.3;
800/320.3; 800/306; 800/317.2; 800/322; 800/260

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 22 OF 28 USPATFULL

Full Text	Citing References
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AN 1999:117750 USPATFULL
TI Method for transforming soybeans
IN Hinchee, Maud Ann Wrightson, Wildwood, MO, United States
Clemente, Thomas Elmo, Chesterfield, MO, United States
Connor-Ward, Dannette Vaudrilyn, St. Charles, MO, United States
Fedele, Mary Jacqueline, Ballwin, MO, United States
Fry, Joyce Ellen, St. Louis, MO, United States
Howe, Arlene R., Ballwin, MO, United States
Rozman, Renee Jean, Lusby, MD, United States
PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
PI US 5959179 19990928
AI US 1996-614877 19960313 (8)
DT Utility
FS Granted
LN.CNT 6608
INCL INCLM: 800/298.000
INCLS: 435/419.000; 435/468.000; 800/278.000
NCL NCLM: 800/298.000
NCLS: 435/419.000; 435/468.000; 800/278.000

IC [6]
 ICM: A01H005-00
 ICS: C12N015-82
 EXF 800/205; 435/69.2; 435/419; 435/172.3; 536/23.2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 23 OF 28 USPATFULL

Full Text	Citing References
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AN 1999:117317 USPATFULL
 TI Methods of optimizing substrate pools and biosynthesis of
 poly- β -hydroxybutyrate-co-poly- β -hydroxyvalerate in bacteria
 and plants
 IN Gruys, Kenneth James, Chesterfield, MO, United States
 Mitsky, Timothy Albert, Maryland Heights, MO, United States
 Kishore, Ganesh Murthy, Chesterfield, MO, United States
 Slater, Steven Charles, Chesterfield, MO, United States
 Padgett, Stephen Rogers, Grover, MO, United States
 Stark, David Martin, Chesterfield, MO, United States
 PA Monsanto Company, St. Louis, MI, United States (U.S. corporation)
 PI US 5958745 19990928
 AI US 1996-673388 19960628 (8)
 RLI Continuation-in-part of Ser. No. US 1996-628039, filed on 4 Apr 1996
 which is a continuation-in-part of Ser. No. US 1996-614877, filed on 13
 Mar 1996
 DT Utility
 FS Granted
 LN.CNT 6727
 INCL INCLM: 435/183.000
 INCLS: 424/139.100; 435/069.100; 530/350.000
 NCL NCLM: 435/183.000
 NCLS: 424/139.100; 435/069.100; 530/350.000
 IC [6]
 ICM: A61K039-395
 ICS: C07K014-195; C12N009-00
 EXF 435/183; 435/6; 435/69.1; 424/139.1; 530/350
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 24 OF 28 USPATFULL

Full Text	Citing References
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AN 1999:110533 USPATFULL
 TI Fatty acid desaturase genes from plants
 IN Browse, John, Palouse, WA, United States
 Grau, Luis Perez, Davis, CA, United States
 Kinney, Anthony J., Wilmington, DE, United States
 Pierce, Jr., John W., Wilmington, DE, United States
 Wierzbicki, Anna M., Wilmington, DE, United States
 Yadav, Narendra S., Chadds Ford, PA, United States
 PA E. I. du Pont de Nemours and Company, Wilmington, DE, United States
 (U.S. corporation)
 PI US 5952544 19990914
 WO 9311245 19930610
 AI US 1994-244205 19940826 (8)
 WO 1992-US10284 19921203
 19940826 PCT 371 date
 19940826 PCT 102(e) date
 RLI Continuation-in-part of Ser. No. US 1991-804259, filed on 4 Dec 1991,
 now abandoned
 DT Utility
 FS Granted
 LN.CNT 4676
 INCL INCLM: 800/295.000
 INCLS: 435/069.100; 435/468.000; 435/320.100; 435/419.000; 800/281.000;
 536/023.600

NCL NCLM: 800/295.000
 NCLS: 435/069.100; 435/320.100; 435/419.000; 435/468.000; 536/023.600;
 800/281.000
 IC [6]
 ICM: A01H005-00
 ICS: C12N015-82
 EXF 536/23.6; 435/172.3; 435/69.1; 435/320.1; 435/240.4; 435/419; 800/205;
 800/DIG.69; 426/601
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 25 OF 28 USPATFULL

Full Text Citing References

AN 1999:99808 USPATFULL
 TI Methods of optimizing substrate pools and biosynthesis of
 poly- β -hydroxybutyrate-co-poly- β -hydroxyvalerate in bacteria
 and plants
 IN Gruys, Kenneth James, Chesterfield, MO, United States
 Mitsky, Timothy Albert, Maryland Heights, MO, United States
 Kishore, Ganesh Murthy, Chesterfield, MO, United States
 Slater, Steven Charles, Chesterfield, MO, United States
 Padgett, Stephen Rogers, Grover, MO, United States
 Stark, David Martin, Chesterfield, MO, United States
 PA Monsanto Company, St. Louis, MO, United States (U.S. corporation)
 PI US 5942660 19990824
 AI US 1996-628039 19960404 (8)
 RLI Continuation of Ser. No. US 1996-614877, filed on 13 Mar 1996
 DT Utility
 FS Granted
 LN.CNT 6734
 INCL INCLM: 800/298.000
 INCLS: 435/268.000; 435/419.000; 536/023.200; 536/023.700; 800/281.000
 NCL NCLM: 800/298.000
 NCLS: 435/268.000; 435/419.000; 536/023.200; 536/023.700; 800/281.000
 IC [6]
 ICM: A01H005-00
 ICS: C12N005-14; C12N015-31; C12N015-52
 EXF 800/205; 435/69.2; 435/172.3; 435/419; 435/69.8; 536/23.2; 536/23.7
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 26 OF 28 USPATFULL

Full Text Citing References

AN 1998:143863 USPATFULL
 TI Methods and compositions for cellular and metabolic engineering
 IN Minshull, Jeremy, San Francisco, CA, United States
 Stemmer, Willem P. C., Los Gatos, CA, United States
 PA Maxygen, Inc., Santa Clara, CA, United States (U.S. corporation)
 PI US 5837458 19981117
 AI US 1996-650400 19960520 (8)
 RLI Continuation-in-part of Ser. No. US 1994-198431, filed on 17 Feb 1994,
 now patented, Pat. No. US 5605793 Ser. No. Ser. No. US 1996-537874,
 filed on 4 Mar 1996 Ser. No. Ser. No. US 1996-621859, filed on 25 Mar
 1996 Ser. No. Ser. No. US 1996-621430, filed on 25 Mar 1996, now
 abandoned And Ser. No. US 1995-425684, filed on 18 Apr 1995
 DT Utility
 FS Granted
 LN.CNT 3001
 INCL INCLM: 435/006.000
 INCLS: 435/172.100; 935/076.000; 935/077.000; 935/078.000
 NCL NCLM: 435/006.000
 IC [6]
 ICM: C12Q001-68
 ICS: C12N015-00
 EXF 435/6; 435/91.2; 435/172.3; 935/76; 935/77; 935/78

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 27 OF 28 USPATFULL

Full
Text

Citing
References

AN 96:55945 USPATFULL
 TI Method for producing cytoplasmic male sterility in plants and use thereof in production of hybrid seed
 IN Maliga, Pal, East Brunswick, NJ, United States
 PA Rutgers, The State University of New Jersey, Piscataway, NJ, United States (U.S. corporation)
 PI US 5530191 19960625
 AI US 1994-217360 19940324 (8)
 DT Utility
 FS Granted
 LN.CNT 1986
 INCL INCLM: 800/205.000
 INCLS: 435/172.300; 435/172.100; 047/058.000; 047/DIG.001
 NCL NCLM: 800/274.000
 NCLS: 047/DIG.001; 800/287.000; 800/298.000; 800/303.000
 IC [6]
 ICM: A01H005-00
 ICS: A01H001-00; C12N015-05
 EXF 047/58; 435/172.3; 800/205

L4 ANSWER 28 OF 28 EUROPATFULL COPYRIGHT 2002 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1006190 EUROPATFULL ED 20000618 EW 200023 FS OS
 TIEN Fruit flavour related genes and use thereof.
 TIDE Gene im Zusammenhang mit der Geschmacksbildung in Fruechten und deren Verwendungen.
 TIFR Genes associes a l'arome des fruits et leurs applications.
 IN Verhoeven, Harrie Adrianus, Orionlaan 45, 5694 LB Breugel, NL;
 van Tunen, Arjen Johannes, Wim Sonneveldstraat 31, 6708 NA Wageningen, NL;
 Aharoni, Asaph, Pinkas 52 Street, Tel-Aviv, IL;
 Luecker, Joost, Hollasstraat 26, 5991 DA Baarlo, NL;
 O'Connell, Ann Patricia, Boswinde 29, 2633 JH Nootdorp, NL
 PA CENTRUM VOOR PLANTENVEREDELINGS- EN REPRODUKTIEONDERZOEK,
 Droevendaalsesteeg 1,, 6708 PB Wageningen, NL
 SO Wila-EPZ-2000-H23-T1a
 DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;
 R IT; R LI; R LU; R MC; R NL; R PT; R SE; R AL; R LT; R LV; R MK; R RO;
 R SI
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG
 PI EP 1006190 A1 20000607
 OD 20000607
 AI EP 1998-204018 19981202
 IC ICM C12N015-53
 ICS C12N015-54 C12N015-60 C12N015-11 C12N015-82
 C12N009-10 C12N009-88 C12N009-04 C12P007-62
 C12Q001-68 C07K016-40 A01H005-00 G01N033-50

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